AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1.   (Currently Amended) A ~~method~~ system of ~~integrating~~ transferring data streams

across a supply chain at a first location ~~and~~ to a demand chain at a second location, said ~~method~~

system comprising:

a trigger event monitor defining a trigger event to be monitored at said first location;

a database that stores ~~storing~~ business rules regarding reconciliation spans and exceptions

~~in a database~~;

a transformation unit that performs ~~performing~~ transformations on said data streams and

trigger event data by placing said data into appropriate categories for manufacturing lot trace

capability as controlled by a relationship between components and devices in a bill of materials

and parentage information;

a supply side reconciler that performs ~~performing~~ a supply side reconciliation of said

transformed data streams and said trigger event data ~~based on said business rules~~ to determine

whether said transformed data streams are consistent with said trigger event data; and

a demand side reconciler that performs ~~performing~~ a demand side reconciliation of said

transformed data streams ~~and~~ with said trigger event data based ~~on said business rules~~ upon the

occurrence of said trigger event data;

said database processing said reconciled data to produce entitled test data with customer

entitlement information including one of what type of data each customer is entitled to receive

and which type of products and components each customer is entitled to receive such

information;

said database storing a selective point in said demand chain that said entitled test data is

supplied to;

said database verifying completeness of said entitled test data and whether said entitled

test data is supplied to said selective point in said demand chain; and

a report output device at the location of said demand side reconciler that outputs a report

based on said performing said demand side reconciliation.

2.   (Currently Amended) The ~~method in~~ system of claim 1, wherein said supply side

reconciliation process comprises reconciling said trigger event data with said data streams.

3.   (Currently Amended) The ~~method in~~ system of claim 1, wherein said trigger event

data comprises notification of goods being sent from a point in said supply chain, and

wherein and said supply side reconciliation determines whether a data stream associated

with said goods is consistent with said notification.

4.   (Currently Amended) The ~~method in~~ system of claim 1, wherein said demand side

reconciliation process comprises determining whether said data streams are complete and

whether said data streams were sent to said demand chain.

5.   (Currently Amended) The ~~method in~~ system of claim 1, wherein said processes of

performing said supply side reconciliation and said demand side reconciliation are one of:

selectively delayed a predetermined period after said trigger event; and

selectively advanced a predetermined period before said trigger event.

6.   (Currently Amended) The ~~method in~~ system of claim 1, wherein said data streams relate to a component of a device being manufactured in said supply chain, and wherein said data streams are supplied one of after said component is completed and during the manufacturing of said component.

7.   (Currently Amended) The ~~method in~~ system of claim 1, wherein supply side reconciliation and said demand side reconciliation include a process of correcting said data streams.

8.   (Currently Amended) A ~~method of~~ system that transfers ~~transferring~~ test data from a supply chain at a first location to a demand chain at a second location, said method comprising:

a supply side reconciler that performs ~~performing~~ a supply side reconciliation of said test data at said first location and a demand side reconciler that performs a demand side reconciliation of said test data at said second location upon the occurrence of a trigger event in said supply chain to produce reconciled data;

a rules database that processes ~~processing~~ said reconciled data ~~through a rules database~~ to produce entitled test data for completeness; ~~and~~

said rules database storing at least one demand chain location to which said entitled test data is transmitted based on customer entitlement information including one of what type of data each customer is entitled to receive and which type of products and components each customer is

entitled to receive such information; and

verifying, that said entitled test data is supplied to ~~selective points~~ said at least one

location in said demand chain.

9.   (Currently Amended) The ~~method in~~ system of claim 8, wherein said supply side

reconciliation process comprises reconciling data from said trigger event with said test data.

10.   (Currently Amended) The ~~method in~~ system of claim 8, wherein said trigger event

comprises notification of goods being sent from a point in said supply chain, and

wherein and said supply side reconciliation determines whether test data associated with

said goods is consistent with said notification.

11.   (Currently Amended) The ~~method in~~ system of claim 8, wherein said demand side

reconciliation process comprises determining whether said test data is complete.

12.   (Currently Amended) The ~~method in~~ system of claim 8, wherein said processes of

performing said supply side reconciliation and said demand side reconciliation are selectively

delayed a predetermined period after said trigger event.

13.   (Currently Amended) The ~~method in~~ system of claim 8, wherein said entitled test

data relates to component test data of a component of a device being manufactured in said supply

chain, and

wherein said process of supplying said entitled test data supplies said component test data

one of after said component is completed and during the manufacturing of said component.

14.   (Currently Amended) The ~~method in~~ <u>system of</u> claim 8, wherein supply side

reconciliation and said demand side reconciliation include a process of correcting said test data.

15.   (Currently Amended) A system for transferring test data from a supply chain <u>at a</u>

<u>first location</u> to a demand chain <u>at a second location</u>, said system comprising:

a trigger event monitor <u>that receives information of a trigger event at one of said first and</u>

<u>said second location</u>;

a supply side reconciler in communication with said trigger event monitor, and being

adapted to perform a supply side reconciliation of said test data upon ~~the~~ <u>an</u> occurrence of a

trigger event<u>, wherein said supply reconciliation determines whether said test data are consistent</u>

<u>with said trigger event data</u>;

a demand side reconciler in communication with said trigger event monitor, and being

adapted to perform a demand side reconciliation of said test data upon the occurrence of [[a]]

<u>said</u> trigger event; ~~and~~

a rules database in communication with said supply side reconciler and said demand side

reconciler, and being adapted to produce entitled test data based on said supply side

reconciliation and said demand side reconciliation<u>:</u>

<u>said rules database storing selective points in said demand chain that receive said entitled</u>

<u>test data</u>;

<u>said rules database verifying</u> ~~and to verify~~ that ~~the~~ <u>said</u> entitled test data is supplied to <u>said</u>

selective points in said demand chain<u>; and</u>

an output device at said second location to output a report based on said performing said

demand side reconciliation.

16.   (Original) The system in claim 15, wherein said supply side reconciliation process

performed by said supply side reconciler comprises reconciling data from said trigger event with

said test data.

17.   (Original) The system in claim 15, wherein said trigger event comprises

notification of goods being sent from a point in said supply chain, and

wherein and said supply side reconciliation performed by said supply side reconciler

determines whether test data associated with said goods is consistent with said notification.

18.   (Original) The system in claim 15, wherein said demand side reconciliation

process performed by said demand side reconciler comprises determining whether said test data

is complete.

19.   (Original) The system in claim 15, wherein said processes of performing said

supply side reconciliation and said demand side reconciliation are selectively delayed a

predetermined period after said trigger event by said supply side reconciler and said demand side

reconciler.

20.   (Original) The system in claim 15, wherein said entitled test data relates to

component test data of a component of a device being manufactured in said supply chain, and

wherein said database is adapted to supply said component test data during the processing of said component and before said device is completed.